

## MIAMI BRIDGE WEEKLY NEWSLETTER

263 Days are  
Remaining on the  
Bridge Closure

### QUICK NOTES:

- Due to ice in the river, the contractor's focus has been shifted to the land bents as opposed to the river piers.
- OCCI submitted their plan to MoDOT for addressing the sheared reinforcing steel at Bent 11.

### Second Mass Concrete Placement



Setting the Reinforcing Steel at Bent 6



Concrete Bucket Pours at Bent 6

OCCI poured the cap at Bent 6 on Thursday. This is the second mass concrete placement on the bridge. As discussed in the previous weekly newsletter, OCCI is using thermal control to help in regulating the temperatures of the mass concrete placements and during the curing period. The readings at Bent 7 have indicated the thermal control plan is working. These same sensors are also being used in Bent 6.

Bents 4 and 5 will have maturity meters used in them when they are ready for concrete. The maturity meters are similar to the sensors used in Bents 6 and 7, but these meters will also have the capability to measure the strength of the concrete.

### Steel Girders Arrive on the Project.



The first of the steel girders arrived the last week in December. Upon their arrival to the jobsite, MoDOT inspectors noticed damage to the bottom flanges of both girders. Most of this damage was present before arriving on the job, but some damage occurred when the girders were brought down the levee access ramp. There is a gouge approximately 1/8" deep across the bottom flange of one girder, and a small gouge on the bottom flange of the other girder. Additionally, the top flange splice plate on one

girder was knocked off the girder when the shipping bolts sheared off during shipment out of state. Currently the fabricator of the girders is putting together a proposal for addressing this issue.

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